

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An application service system for client devices on an intranet, comprising:

a service-providing server for registering applications for client devices on the intranet, said applications provided from a plurality of service developers through a wired/wireless communication network, and for providing an application selected from a list of registered applications according to information on the client devices installed in the intranet;

a service agent which automatically requests ~~wherein~~ said list of registered applications is automatically requested at a predetermined interval, ~~by a service agent;~~

an application service module which collects information on said client devices on the intranet,

wherein the service agent determines a list of collected applications from said list of registered applications based on the collected information on said client devices, the list of collected applications comprising applications which are appropriate for the client devices on said intranet,

wherein the selected application is selected from the list of collected applications.

2. (original): The system according to claim 1, wherein the service providing server comprises:

a service registration module for registering location information on each application provided from the service developers together with meta information; and

a service search module for searching the list of applications registered in the service registration module and providing search results when an application service module requests to search the applications registered in the service registration module.

3. (original): The system according to claim 2, wherein the location information represents a path for downloading the applications provided from the respective service developers.

4. (original): The system according to claim 3, wherein the meta information is application information including a component for operation, a type of device used for the operation, a service location and an ID of a service developer, said component for operation provided for distinguishing service functions of the applications.

5. (currently amended): An application service system for client devices on an intranet, comprising:

an application service module for accessing a service-providing server in which applications for client devices on the intranet are registered, said applications provided from a plurality of service developers through a wired/wireless communication network, for searching a list of applications, and for providing an application ~~applications~~, selected from the list of

searched applications, corresponding to information on the devices installed in the intranet of a user,

wherein said application service module automatically requests said list of registered applications ~~is automatically requested by said application service module,~~ from said service-providing server, at a predetermined interval,

wherein said application service module collects information on said client devices on the intranet; and

a service agent which determines a list of collected applications from said list of applications based on the collected information on said client devices, the list of collected applications comprising applications which are appropriate for the client devices on said intranet.

wherein the selected application is selected from the list of collected applications.

6. (original): The system according to claim 5, wherein the application service module is a gateway for connecting a computing environment of the intranet with the service-providing server.

7. (original): The system according to claim 5, wherein the application service module comprises a service agent for searching the list of applications registered in the service-providing sever, collecting information on the devices operating in the intranet of the user, and providing only the applications selected in accordance with the user's intranet.

8. (currently amended): An application service system for client devices on an intranet, comprising:

a service-providing server for registering applications for client devices on the intranet, said applications provided from a plurality of service developers through a wired/wireless communication network, and providing a selected application; and

an application service module for searching a list of applications registered in the service-providing server and providing an application, selected from the list of searched applications, corresponding to information on the devices installed in the intranet of a user,

wherein said application service module automatically requests said list of registered applications ~~is automatically requested by said application service module, from said service-providing server, at a predetermined interval,~~

wherein said application service module collects information on said client devices on the intranet; and

a service agent which determines a list of collected applications from said list of applications based on the collected information on said client devices, the list of collected applications comprising applications which are appropriate for the client devices on said intranet,

wherein the selected application is selected from the list of collected applications.

9. (original): The system according to claim 8, wherein the service providing server comprises:

a service registration module for registering location information for each application provided from the service developers together with meta information; and

a service search module for searching the list of applications registered in the service registration module and providing search results when an application service module requests to search the applications registered in the service registration module.

10. (original): The system according to claim 9, wherein the location information represents a path for downloading the applications provided from the respective service developers.

11. (original): The system according to claim 10, wherein the meta information is application information including a component for operation, a type of device used for the operation, a service location and an ID of a service developer, said component for operation provided for distinguishing service functions of the applications.

12. (original): The system according to claim 8, wherein the application service module is a gateway for connecting a computer environment of the intranet with the service-providing server.

13. (original): The system according to claim 8, wherein the application service module comprises a service agent for searching the list of applications registered in the service-providing server, collecting information on the devices operating in the intranet of the user, and providing only the applications selected in accordance with the user's intranet.

14. (currently amended): An application service method for client devices on an intranet, comprising:

an application registration step for registering applications for home network devices in a service-providing server, said applications provided from service developers; and

an application providing step for providing an application selected from a list of registered applications according to information on the devices installed in the intranet of a user,

wherein said list of registered applications is automatically requested at a predetermined interval, by a service agent;

an information collecting step for collecting information on said client devices on the intranet;

a determining step for determining applications which are appropriate for said client devices on the intranet, based on the collected information on said client devices, to generate a list of determined applications,

wherein the selected application is selected from the list of determined applications.

15. (original): The method according to claim 14, wherein the application registration step further comprises the step of storing meta information and a download path for the service applications, provided from the service developers, in a database.

16. (original): The method according to claim 14, wherein the application providing step comprises:

comparing the list of searched applications with information on the home network devices collected through an intranet gateway of the user;

selecting only applications appropriate for the intranet of the user from the list of searched applications based on the comparison results; and

providing a list of the selected applications to the user, and requesting the service-providing server to transmit a specific application if the specific application is selected by the user.

17. (original): The method according to claim 14, further comprising downloading applications to and executing the downloaded applications in the intranet gateway of the user, allowing the user to utilize a relevant service.

18. (currently amended): An application service method for client devices on an intranet, comprising:

an application search step for accessing a service-providing server in which applications for client devices on the intranet are registered, said applications provided from service developers, and searching a list of the registered applications; and

an application providing step for providing the list of searched applications selected in accordance with an intranet environment of a user and receiving the selected applications from the service-providing server in response to a selection of the user,

wherein said list of registered applications is automatically requested at a predetermined interval, by a service agent;

an information collecting step for collecting information on said client devices on the intranet;

a determining step for determining applications which are appropriate for said client devices on the intranet, based on the collected information on said client devices, to generate a list of determined applications,

wherein the selected application is selected from the list of determined applications.

19. (original): The method according to claim 18, wherein the application registration step further comprises storing meta information and a download path for the applications, provided from the service developers, in a database.

20. (original): The method according to claim 18, wherein the application providing step comprises:

comparing the list of searched applications with information on the client devices collected through an intranet gateway of the user;

selecting only applications appropriate for the intranet of the user from the list of searched applications based on the comparison results; and

providing a list of the selected applications to the user, and requesting the service-providing server to transmit a specific application if the specific application is selected by the user.

21. (original): The method according to claim 18, further comprising downloading applications to and executing the downloaded applications in the intranet gateway of the user, allowing the user to utilize a relevant service.

22. (currently amended): An application service method for client devices on an intranet, comprising:

an application registration step for registering applications for client devices on the intranet in a service-providing server, said applications provided from service developers:

an application search step for accessing the service-providing server and searching a list of the registered applications:

an application list providing step for selecting the list of searched applications in accordance with an intranet environment of a user and providing the list of selected applications to the user; and

an application providing step for receiving a specific application from the service-providing server if the user selects the specific application from the list of selected applications,

wherein the list of registered applications is automatically requested at a predetermined interval, by a service agent;

an information collecting step for collecting information on said client devices on the intranet;

a determining step for determining applications which are appropriate for said client devices on the intranet, based on the collected information on said client devices, to generate a list of determined applications,

wherein the selected application is selected from the list of determined applications.

23. (original): The method according to claim 22, wherein the application registration step further comprises the step of storing meta information and a download path for the service applications, provided from the service developers, in a database.

24. (original): The method according to claim 22, wherein the application providing step comprises:

comparing the list of searched applications with information on the home network devices collected through an internet gateway of the user;

selecting only applications appropriate for the intranet of the user from the list of searched applications based on the comparison results; and

providing a list of the selected applications to the user, and requesting the service-providing server to transmit a specific application if the specific application is selected by the user.

25. (original): The method according to claim 22, further comprising downloading applications to the intranet gateway of the user and executing the downloaded applications in the intranet gateway of the user, allowing the user to utilize a relevant service.

26. (canceled).

27. (previously presented): The system according to claim 1, wherein the service agent is connected to each of the client devices installed on the intranet.

28. (previously presented): The system according to claim 1, wherein the selected application is an upgrade for at least one of the client devices installed on the intranet.

29. (previously presented): The system according to claim 28, wherein the selected application allows at least one of the client devices installed on the intranet to provide a previously presented service that was previously not provided.

30. (previously presented): The system according to claim 1, wherein the service-providing server provides the list of registered applications to the service agent.